

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

BELGAUM – 590014



Project Report on

**“SUMMING AND PRINTING ELECTRONIC WEIGHING
MACHINE”**

BACHELOR OF ENGINEERING

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

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ABSTRACT

Electronic weighing machines are used to show exact weight of the item weighed. The advantage is they show the weight in Digital form. These are already in use by wholesalers and retailers. There are some drawbacks in the present weighing system. It does not show the previous weights if items are to be weighed repeatedly and also does not total the weights. Our project aims at providing additional features to Electronic weighing machines.

Proposed project is an embedded application using which we can control the drawbacks of present electronic weighing machine. We programmed microcontroller to store the individual weights in look up table and also to total the result. We used two display units LED display and LCD display for both owners and consumers. We introduced printer to print the store name, Serial number of weightings and corresponding weights and total weight.